

AMENDMENTS TO THE CLAIMS:

Claim 1. (currently amended) A rotation angle detector comprising:

- a rotary ~~rotating~~ member;
- a detecting member that is to rotate ~~rotating~~ in conjunction with rotation of said rotary ~~rotating~~ member;
- a cover having a shaft support for supporting a shaft portion of said detecting member for rotation; and
- a sensing device ~~sensor means~~ for detecting rotation of said detecting member, ~~wherein~~ wherein said detecting member includes ~~is provided with~~ a recess surrounding said the shaft portion, and said the shaft support ~~of said cover~~ is extended into said the recess.

Claim 2. (currently amended) The rotation angle detector according to claim 1, wherein said rotary ~~rotating~~ member is to rotate ~~rotates~~ in cooperation with a steering wheel.

Claim 3. (new) The rotation angle detector according to claim 2, wherein said sensing device includes a magnet and a magnetic sensor element.

Claim 4. (new) The rotation angle detector according to claim 3, wherein said magnetic sensor element comprises a magneto resistive element.

Claim 5. (currently amended) The rotation angle detector according to claim 1, wherein said sensing device includes ~~sensor means has~~ a magnet and magnetic sensor element ~~means~~.

Claim 6. (currently amended) The rotation angle detector according to claim 5, wherein said magnetic sensor element comprises ~~means is~~ a magneto resistive element.

Claim 7. (new) The rotation angle detector according to claim 1, wherein an end of said shaft support abuts a bottom face defining said recess.

Claim 8. (new) The rotation angle detector according to claim 7, wherein said rotary member is to rotate in cooperation with a steering wheel.

Claim 9. (new) The rotation angle detector according to claim 8, wherein said sensing device includes a magnet and a magnetic sensor element.

Claim 10. (new) The rotation angle detector according to claim 9, wherein said magnetic sensor element comprises a magneto resistive element.

Claim 11. (new) The rotation angle detector according to claim 7, wherein said sensing device includes a magnet and magnetic sensor element.

Claim 12. (new) The rotation angle detector according to claim 11, wherein said magnetic sensor element comprises a magneto resistive element.